

HEATED PRESS FOR USE IN INJECTING INSULATING FOAM IN A ROOF ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A press includes an upper platen and a heated lower platen that are selectably movable toward and away from each other. A vessel inserted between an upper platen and a heated lower platen is conformally but nondeformingly secured therebetween so that vessel surfaces in conformal contact with the upper platen and the lower platen remain substantially undeformed while the vessel is filled with a pressurized insulating foam material. A portion of the vessel that is heated to at least a predetermined temperature by the heated lower platen promotes uniform expansion and curing of the injected foam within the vessel, and additionally promotes bonding between the injected foam and the heated portion of the vessel.